Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016960.D
Acq On : 14 Oct 2021 20:40
Operator : CG/JU
Sample : PB139894BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139894BS

Quant Time: Oct 15 01:44:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 17:01:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	22552	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	99592	0.400	ng		0.00
13) Acenaphthene-d10	14.243	164	51348	0.400	ng		0.00
19) Phenanthrene-d10	16.993	188	92974	0.400	ng		0.00
29) Chrysene-d12	21.195	240	91121	0.400	ng		0.00
35) Perylene-d12	23.423	264	92228	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.226	112	17840	0.318	ng		0.00
5) Phenol-d6	6.794	99	19560	0.314	ng		0.00
8) Nitrobenzene-d5	8.759	82	18231	0.287	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	45751	0.325	ng		0.00
14) 2,4,6-Tribromophenol	15.740	330	6504	0.282	ng		0.00
15) 2-Fluorobiphenyl	12.860	172	66473	0.340	ng		0.00
27) Fluoranthene-d10	19.033	212	75165	0.318	ng		0.00
31) Terphenyl-d14	19.644	244	67881	0.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	4377	0.300	ng	#	50
3) n-Nitrosodimethylamine	3.539	42	5685	0.309	ng		97
6) bis(2-Chloroethyl)ether	7.052	93	20982	0.335	ng		99
9) Naphthalene	10.432	128	89666	0.319	ng		100
10) Hexachlorobutadiene	10.723	225	16920	0.334	ng	#	100
12) 2-Methylnaphthalene	12.047	142	56337	0.337	ng		99
16) Acenaphthylene	13.951	152	66903	0.315	ng		100
17) Acenaphthene	14.307	154	47623	0.332	ng		100
18) Fluorene	15.296	166	56538	0.329	ng		99
20) 4,6-Dinitro-2-methylph...	15.385	198	2562	0.374	ng		99
21) 4-Bromophenyl-phenylether	16.190	248	18033	0.324	ng		95
22) Hexachlorobenzene	16.299	284	21687	0.339	ng		99
23) Atrazine	16.470	200	11082	0.287	ng		100
24) Pentachlorophenol	16.652	266	4846	0.354	ng		100
25) Phenanthrene	17.030	178	89866	0.339	ng		100
26) Anthracene	17.127	178	73281	0.321	ng		100
28) Fluoranthene	19.063	202	98687	0.339	ng		100
30) Pyrene	19.425	202	98133	0.339	ng		100
32) Benzo(a)anthracene	21.174	228	91730	0.330	ng		100
33) Chrysene	21.227	228	103488	0.350	ng		99
34) Bis(2-ethylhexyl)phtha...	21.132	149	31837	0.346	ng		100
36) Indeno(1,2,3-cd)pyrene	25.672	276	114857	0.337	ng		99
37) Benzo(b)fluoranthene	22.752	252	100684	0.330	ng		100
38) Benzo(k)fluoranthene	22.796	252	102615	0.339	ng		99
39) Benzo(a)pyrene	23.323	252	88717	0.329	ng		99
40) Dibenzo(a,h)anthracene	25.696	278	92838	0.336	ng		100
41) Benzo(g,h,i)perylene	26.356	276	100697	0.334	ng		100

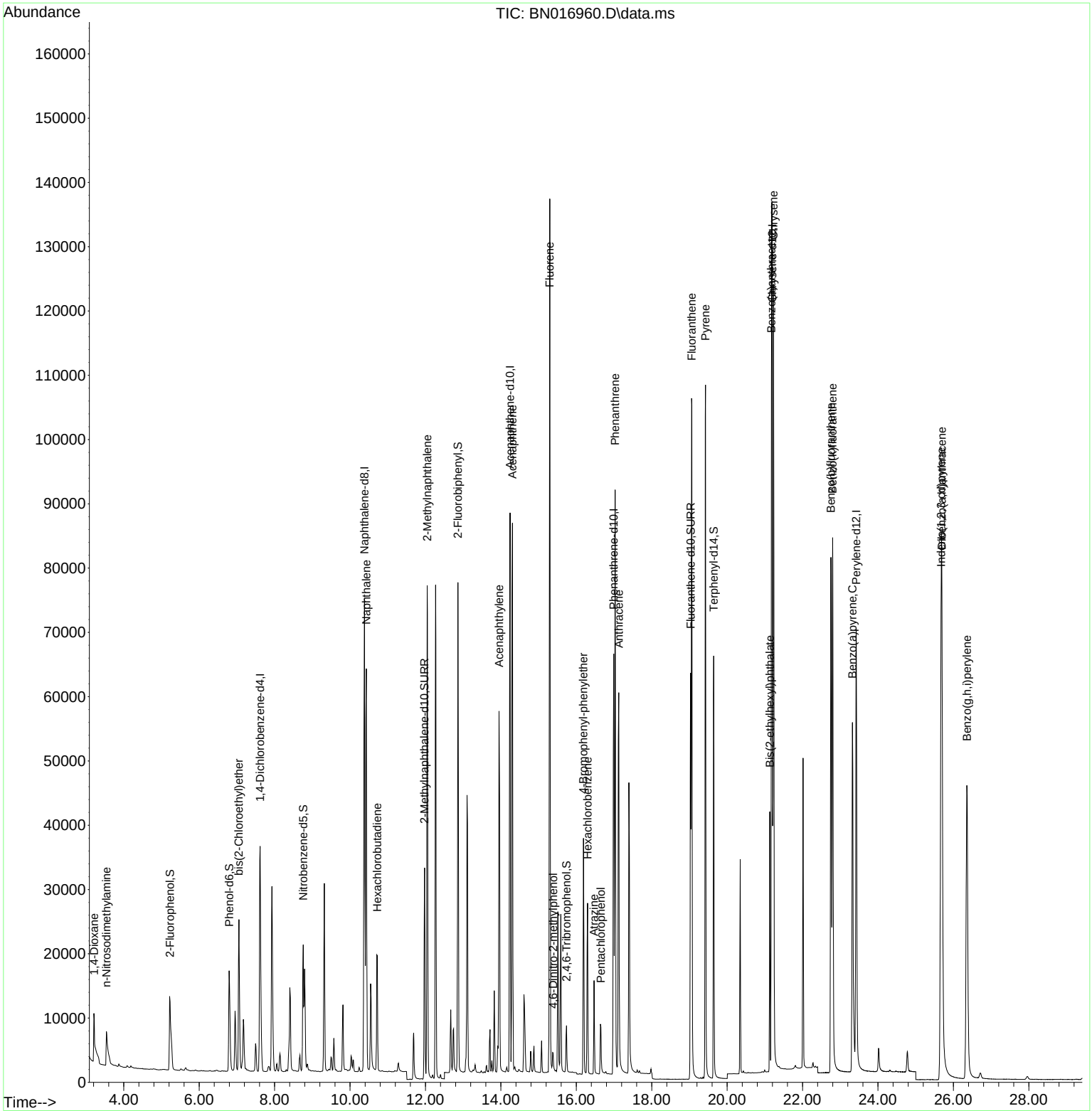
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

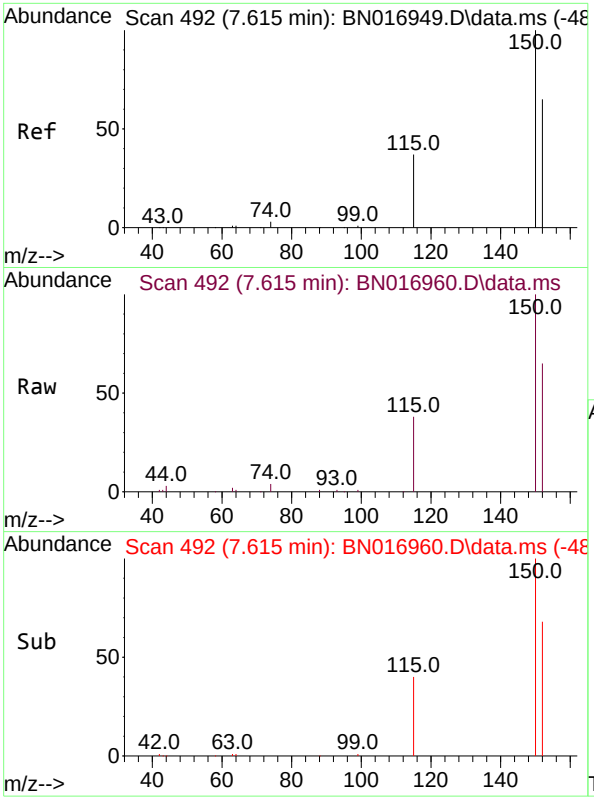
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016960.D
Acq On : 14 Oct 2021 20:40
Operator : CG/JU
Sample : PB139894BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139894BS

Quant Time: Oct 15 01:44:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 17:01:23 2021
Response via : Initial Calibration



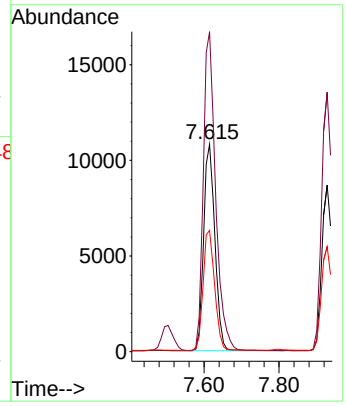
Instrument :
BNA_N
ClientSampleId :
PB139894BS

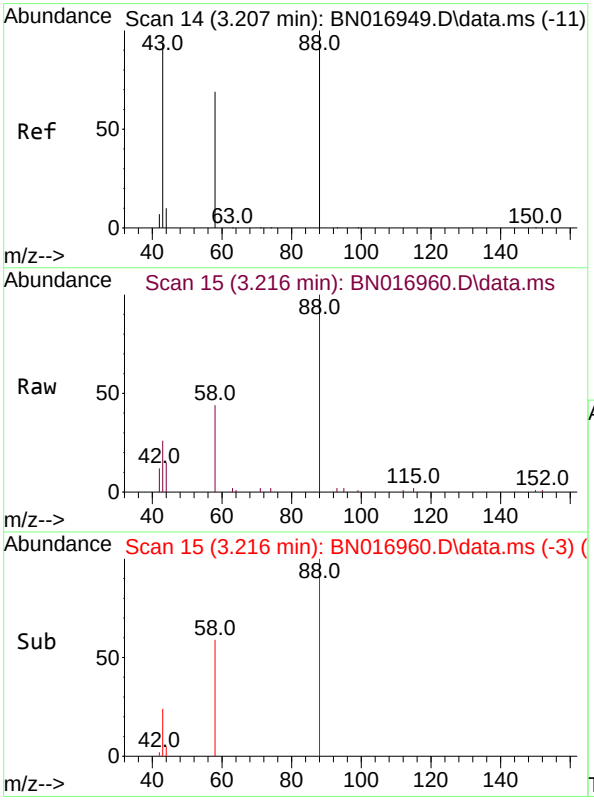


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:152 Resp: 22552

Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.2	183.4
115	58.4	46.1	69.1

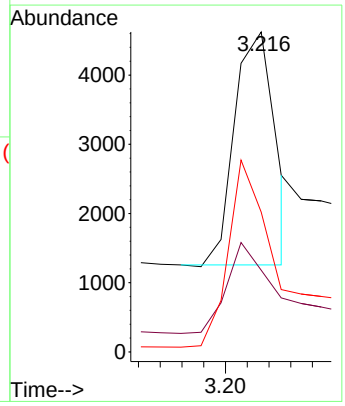




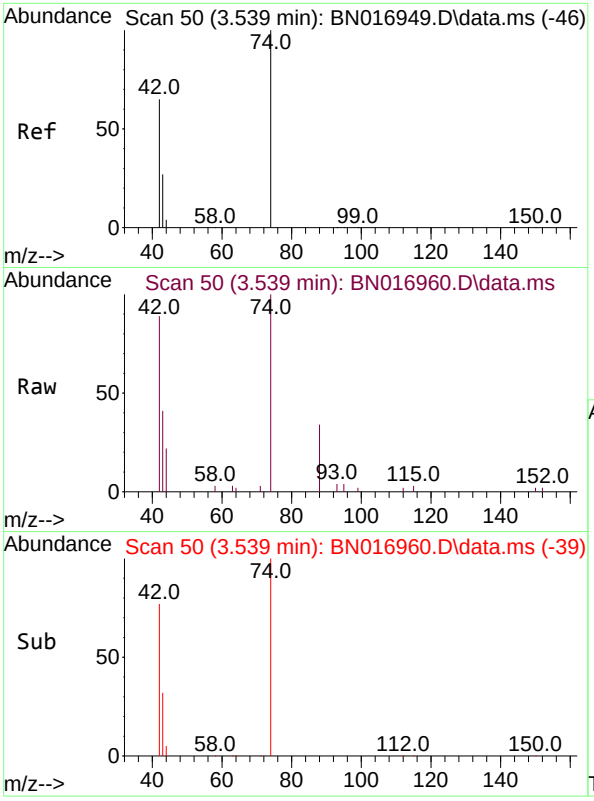
#2
1,4-Dioxane
Concen: 0.300 ng
RT: 3.216 min Scan# 15
Delta R.T. 0.009 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 88 Resp: 4377

Ion	Ratio	Lower	Upper
88	100		
43	40.4	107.1	160.7#
58	77.9	62.4	93.6



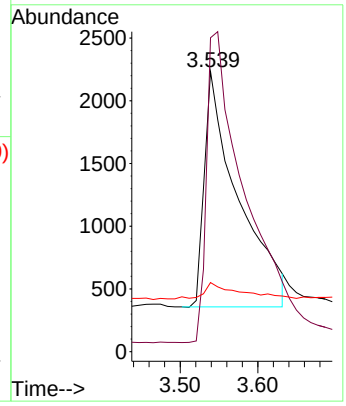
Instrument :
BNA_N
ClientSampleId :
PB139894BS

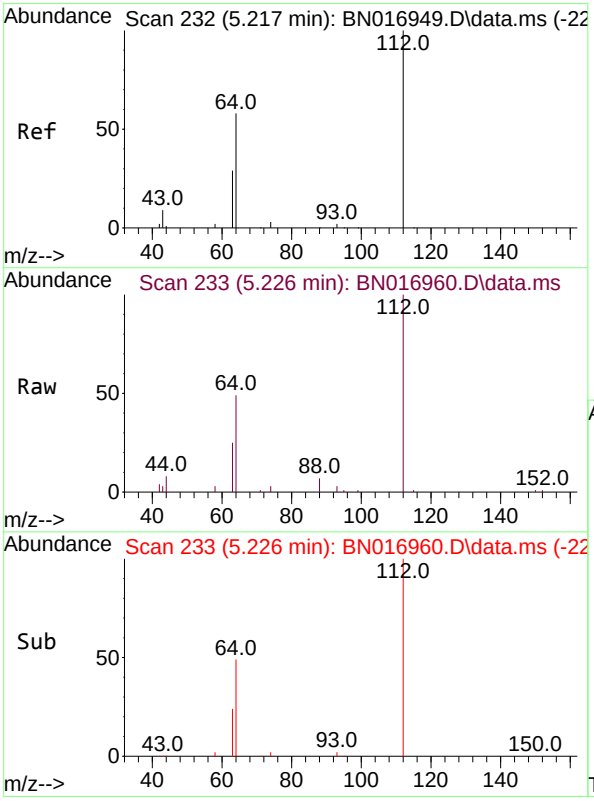


#3
n-Nitrosodimethylamine
Concen: 0.309 ng
RT: 3.539 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 42 Resp: 5685

Ion	Ratio	Lower	Upper
42	100		
74	147.2	114.9	172.3
44	7.1	5.4	8.2

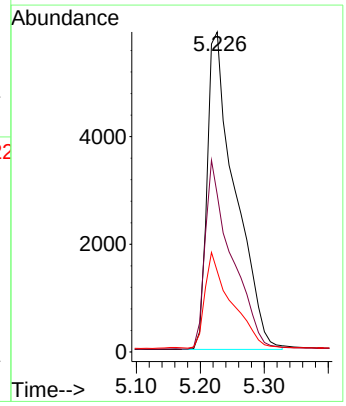




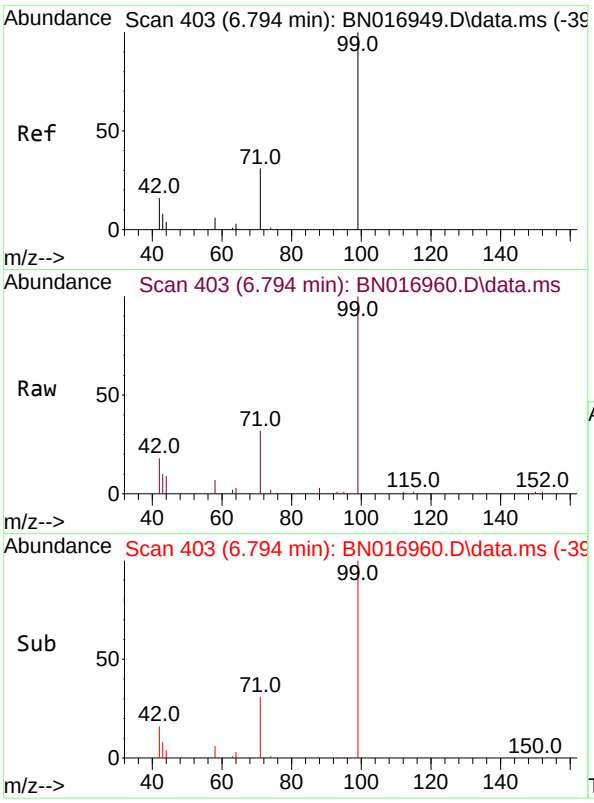
#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.226 min Scan# 233
Delta R.T. 0.009 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:112 Resp: 17840

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.7	67.1
63	28.3	22.6	33.8



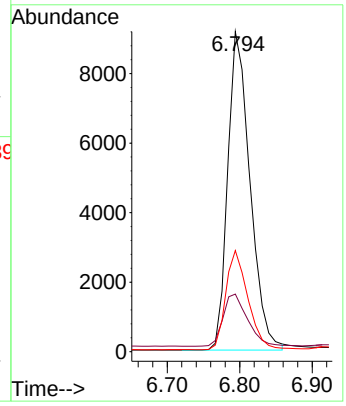
Instrument :
BNA_N
ClientSampleId :
PB139894BS

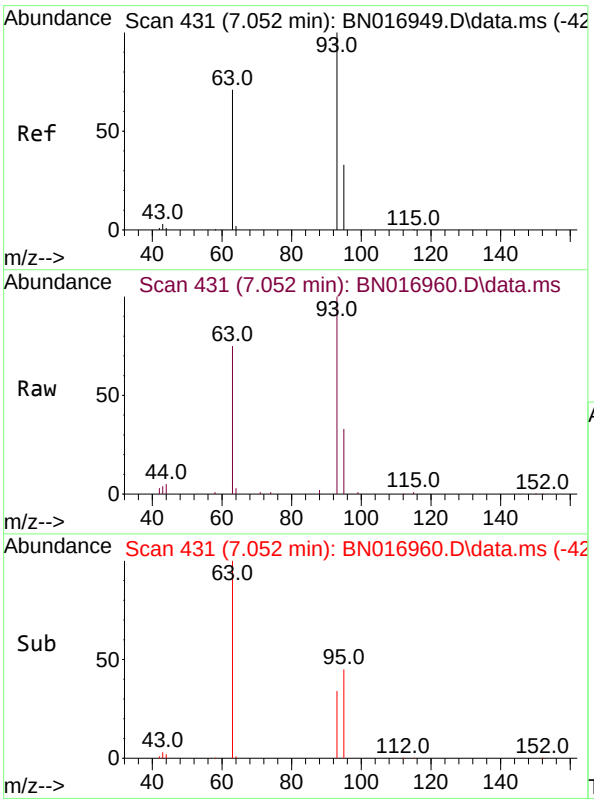


#5
Phenol-d6
Concen: 0.314 ng
RT: 6.794 min Scan# 403
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 99 Resp: 19560

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.2	21.4
71	30.9	24.6	36.8

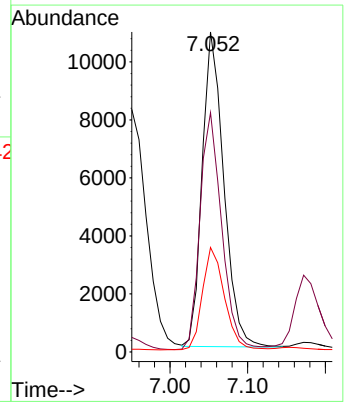




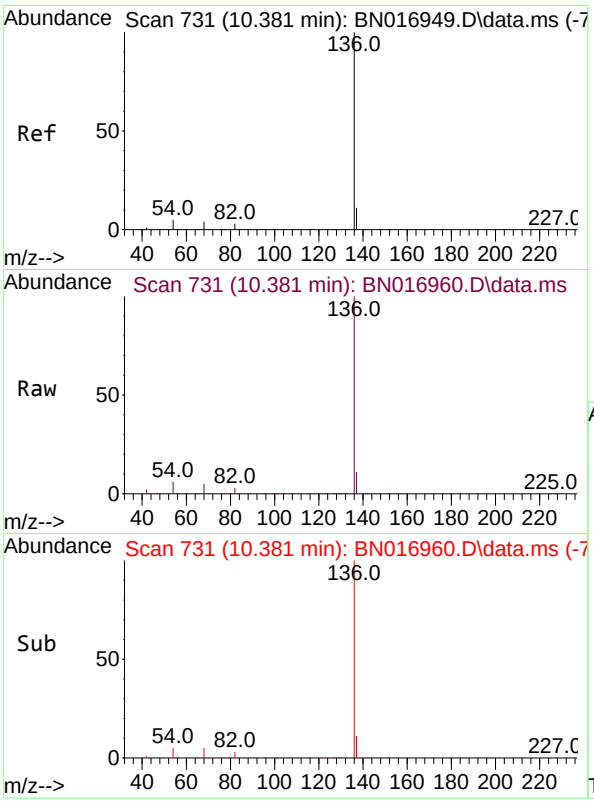
#6
bis(2-Chloroethyl)ether
Concen: 0.335 ng
RT: 7.052 min Scan# 431
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 93 Resp: 20982

Ion	Ratio	Lower	Upper
93	100		
63	75.9	60.0	90.0
95	33.1	26.5	39.7



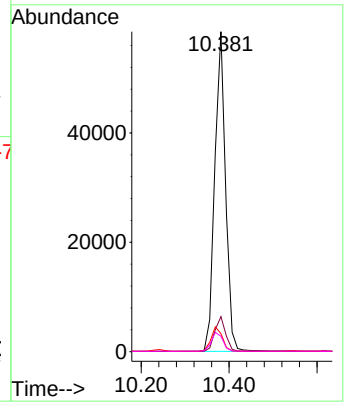
Instrument :
BNA_N
ClientSampleId :
PB139894BS

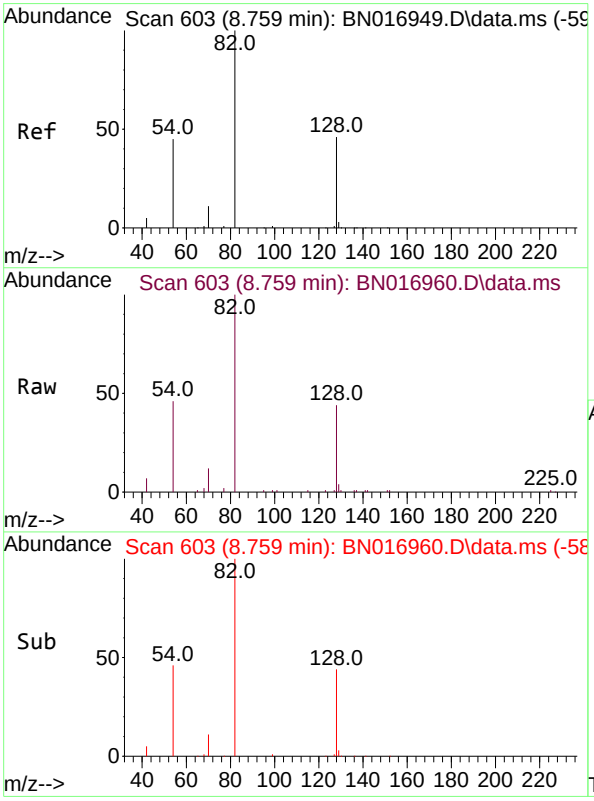


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:136 Resp: 99592

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.6	4.3	6.5
68	4.9	3.7	5.5

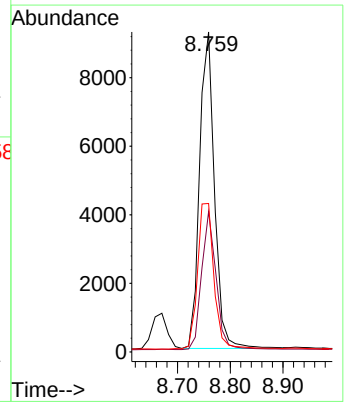




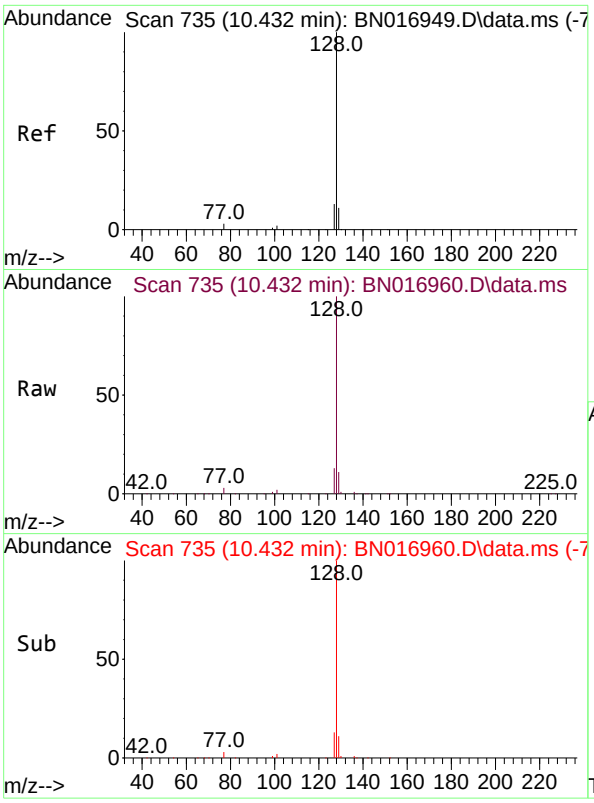
#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.759 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 82 Resp: 18231

Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.0	55.4
54	46.4	36.2	54.4



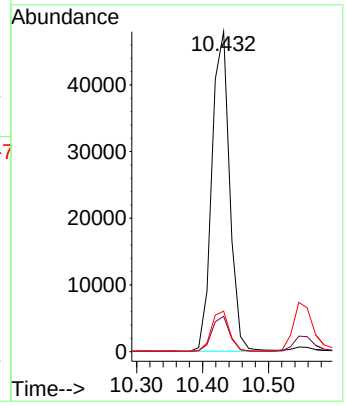
Instrument :
BNA_N
ClientSampleId :
PB139894BS

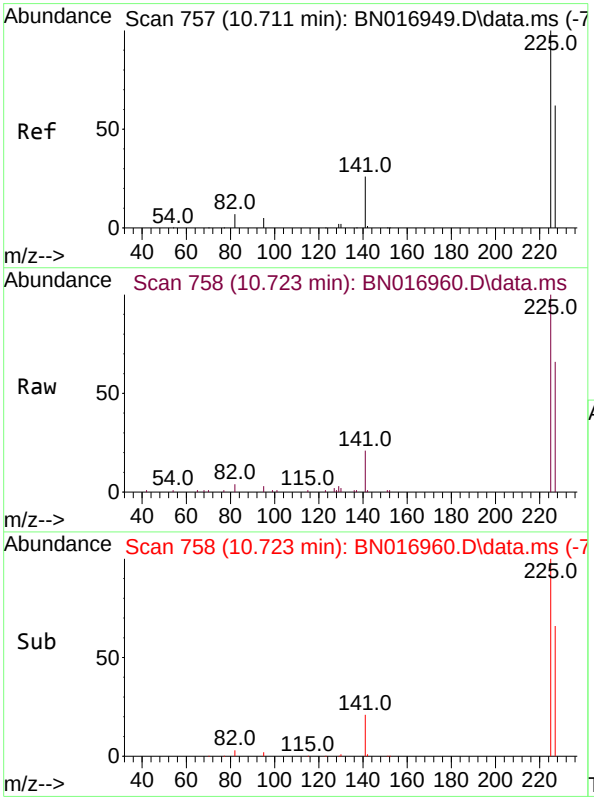


#9
Naphthalene
Concen: 0.319 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:128 Resp: 89666

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.7	10.2	15.2

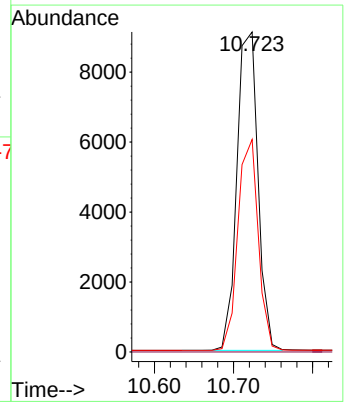




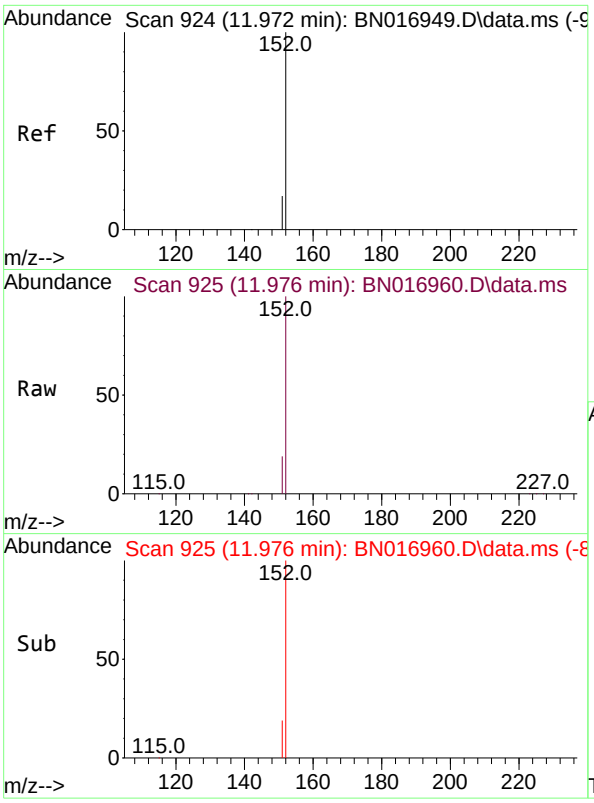
#10
Hexachlorobutadiene
Concen: 0.334 ng
RT: 10.723 min Scan# 758
Delta R.T. 0.013 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:225 Resp: 16920

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8



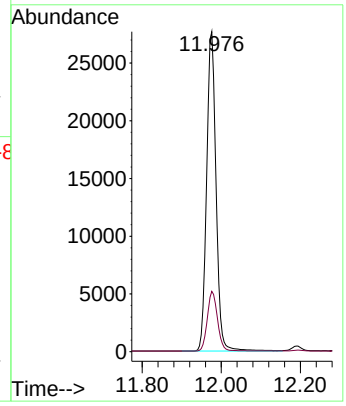
Instrument :
BNA_N
ClientSampleId :
PB139894BS

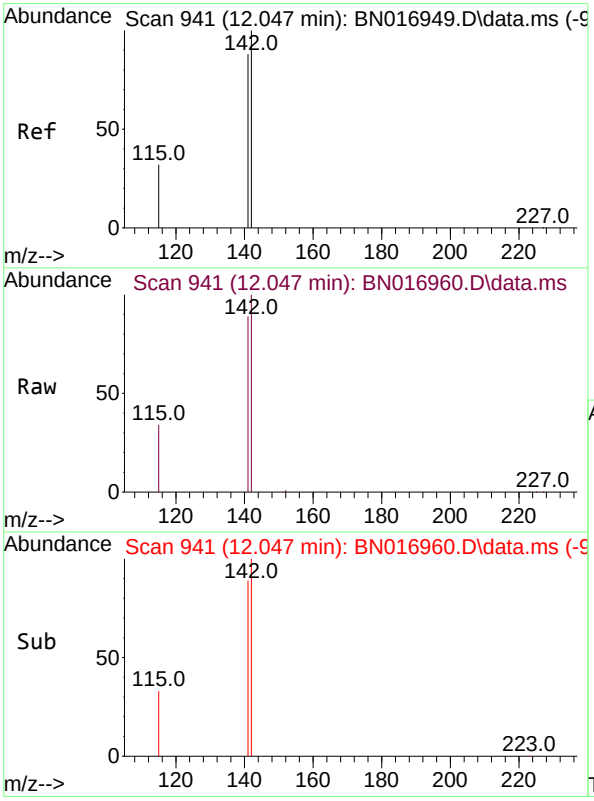


#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 11.976 min Scan# 925
Delta R.T. 0.004 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:152 Resp: 45751

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5

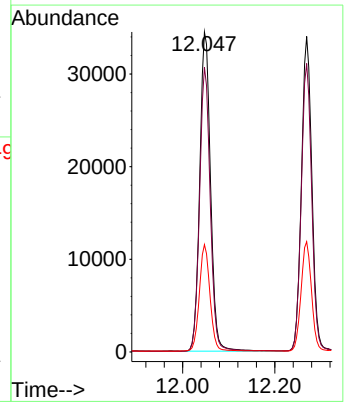




#12
2-Methylnaphthalene
Concen: 0.337 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:142 Resp: 56337

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.2	105.4
115	33.5	26.1	39.1



Instrument :
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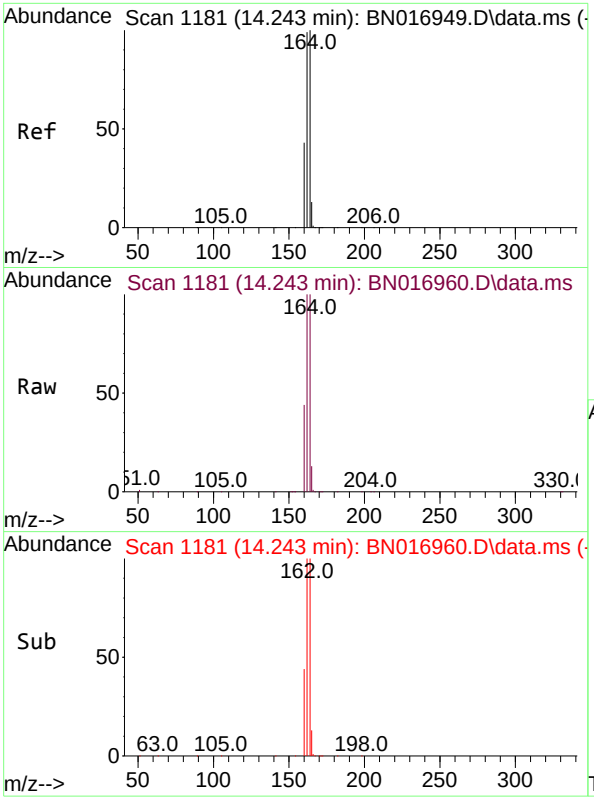
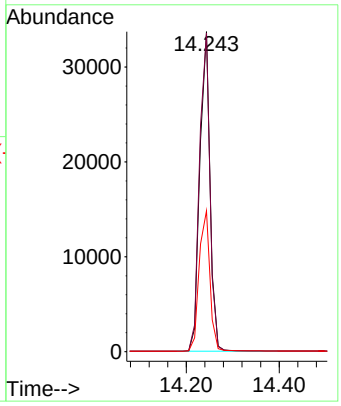
PB139894BS

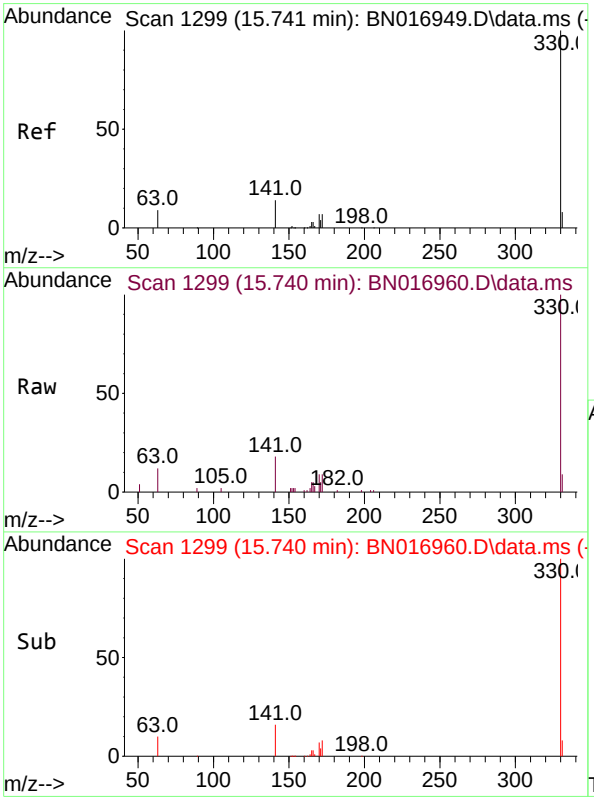


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:164 Resp: 51348

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.1	118.7
160	44.0	34.7	52.1

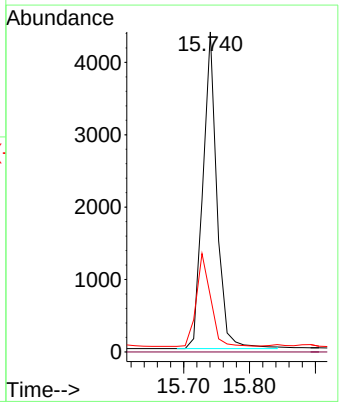




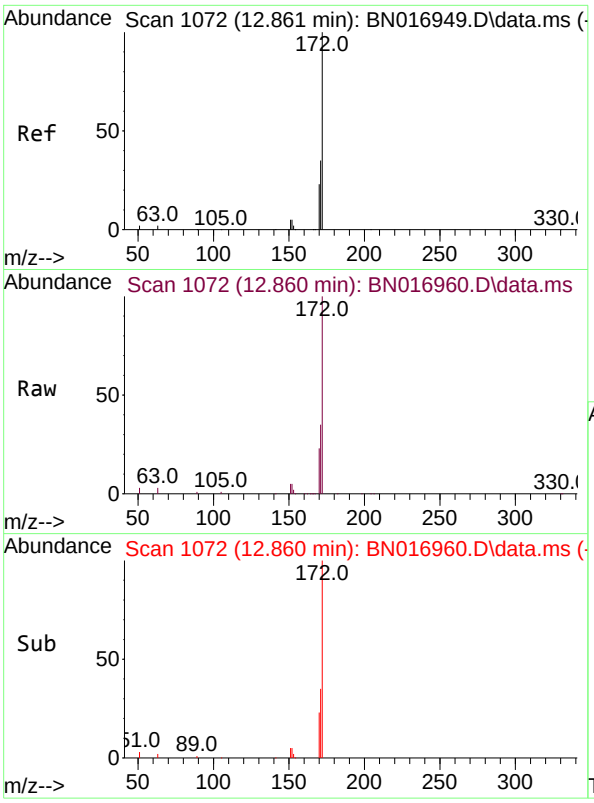
#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.740 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:330 Resp: 6504

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.7	24.2	36.2



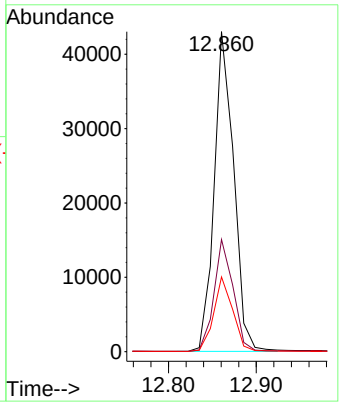
Instrument :
BNA_N
ClientSampleId :
PB139894BS

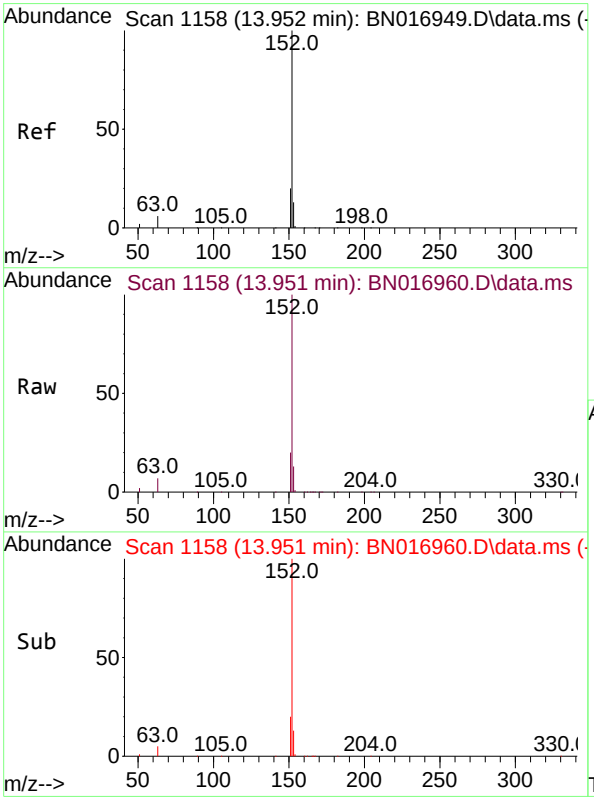


#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.860 min Scan# 1072
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:172 Resp: 66473

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.3	18.6	27.8

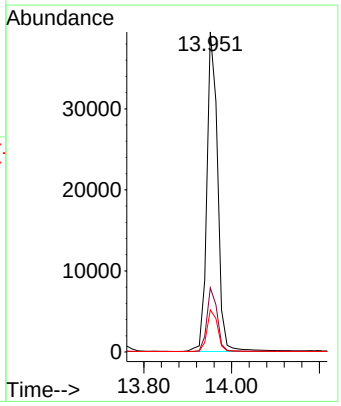




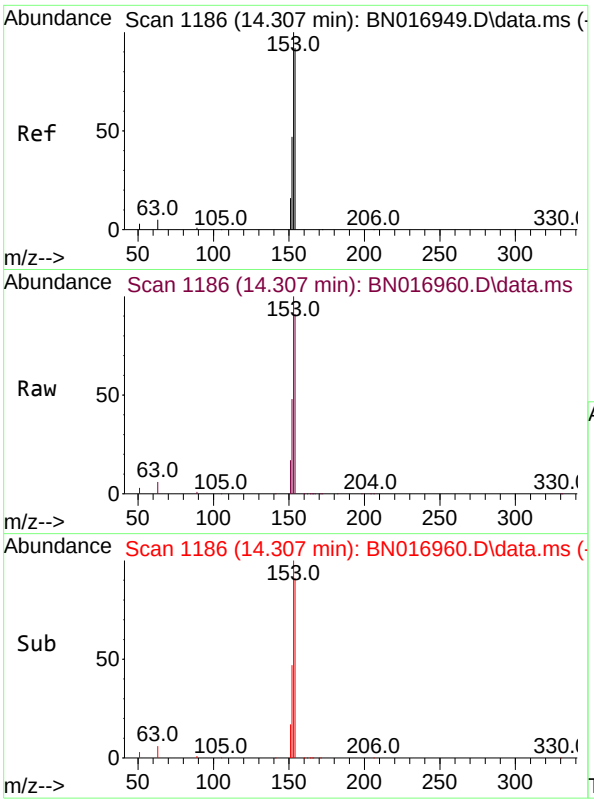
#16
Acenaphthylene
Concen: 0.315 ng
RT: 13.951 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:152 Resp: 66903

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.1	10.5	15.7



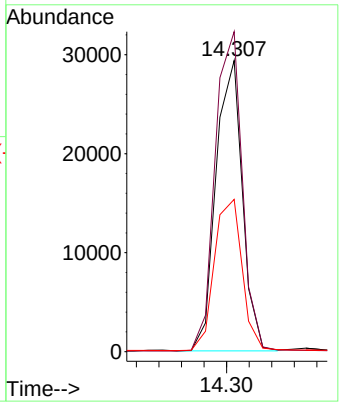
Instrument :
BNA_N
ClientSampleId :
PB139894BS

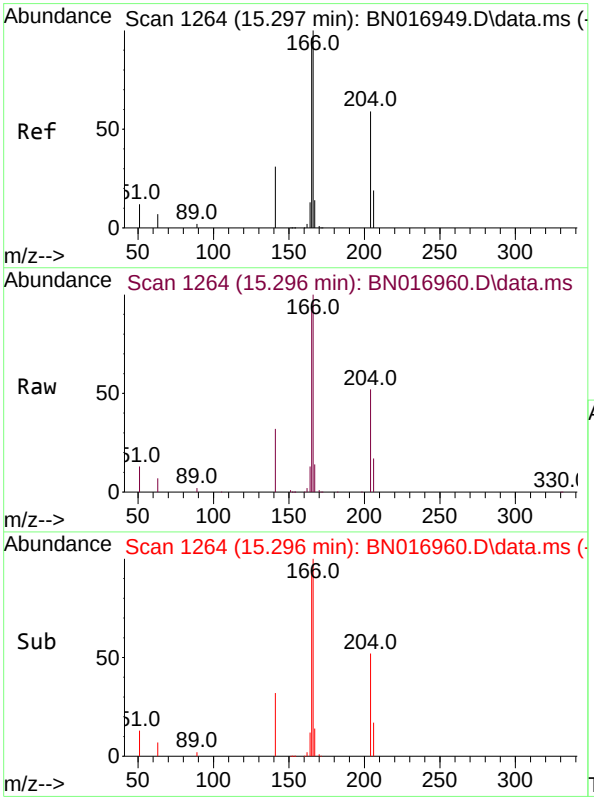


#17
Acenaphthene
Concen: 0.332 ng
RT: 14.307 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:154 Resp: 47623

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.6	135.8
152	55.2	44.2	66.2

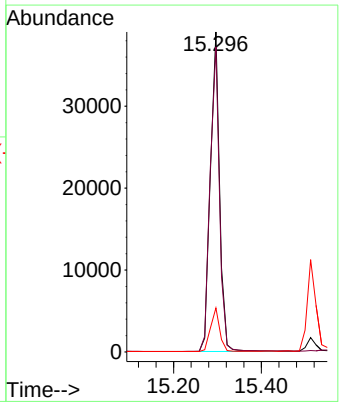




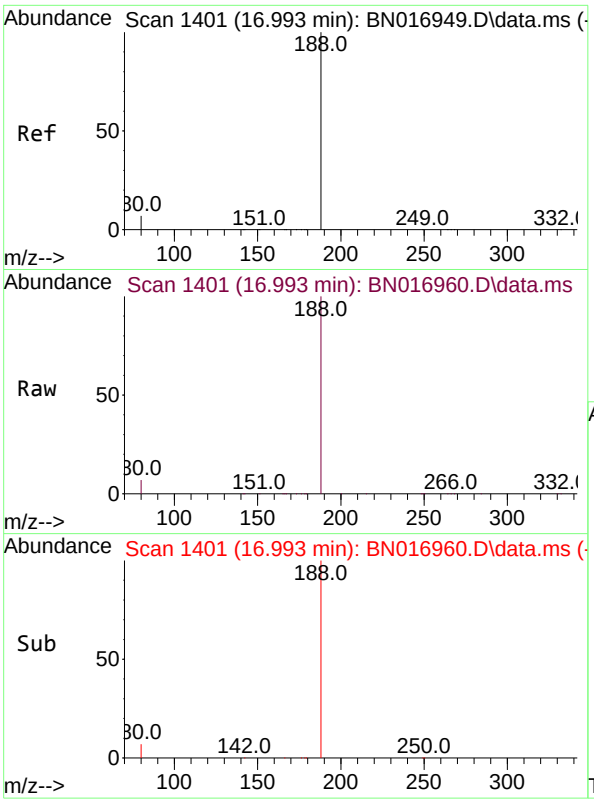
#18
Fluorene
Concen: 0.329 ng
RT: 15.296 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:166 Resp: 56538

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.4	117.6
167	13.6	10.7	16.1



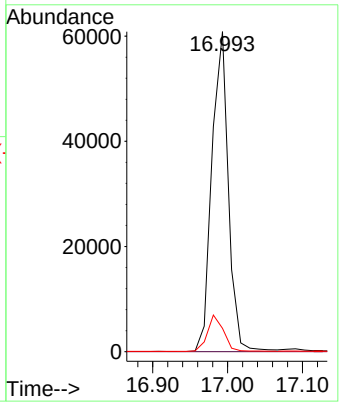
Instrument :
BNA_N
ClientSampleId :
PB139894BS

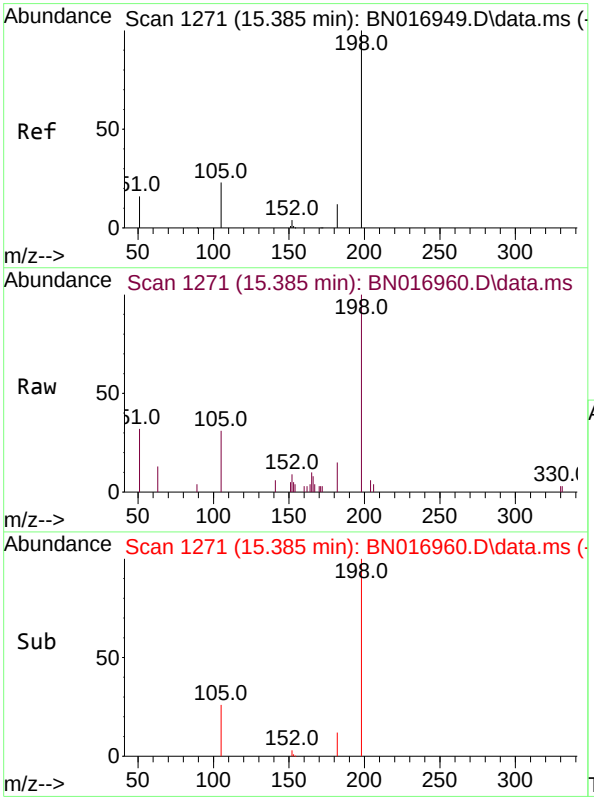


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:188 Resp: 92974

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	5.6	8.4

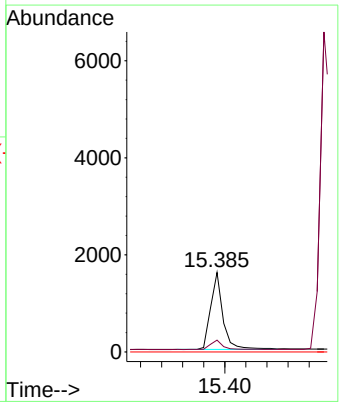




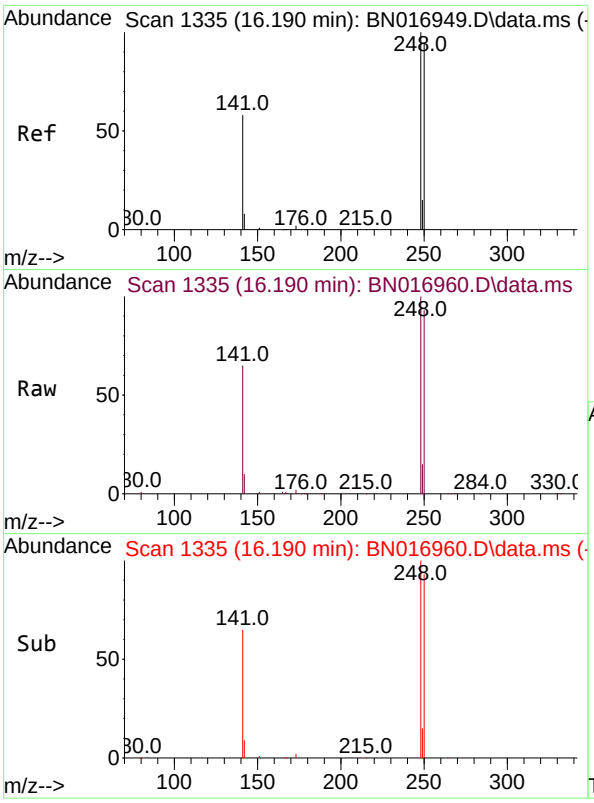
#20
4,6-Dinitro-2-methylphenol
Concen: 0.374 ng
RT: 15.385 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:198 Resp: 2562

Ion	Ratio	Lower	Upper
198	100		
182	14.9	11.5	17.3
77	0.0	0.0	0.0



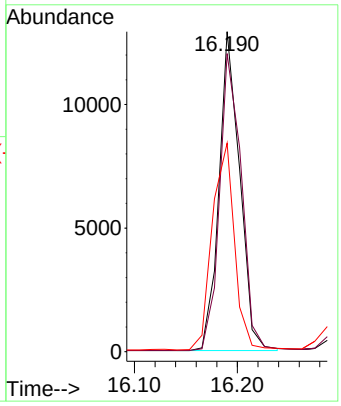
Instrument :
BNA_N
ClientSampleId :
PB139894BS

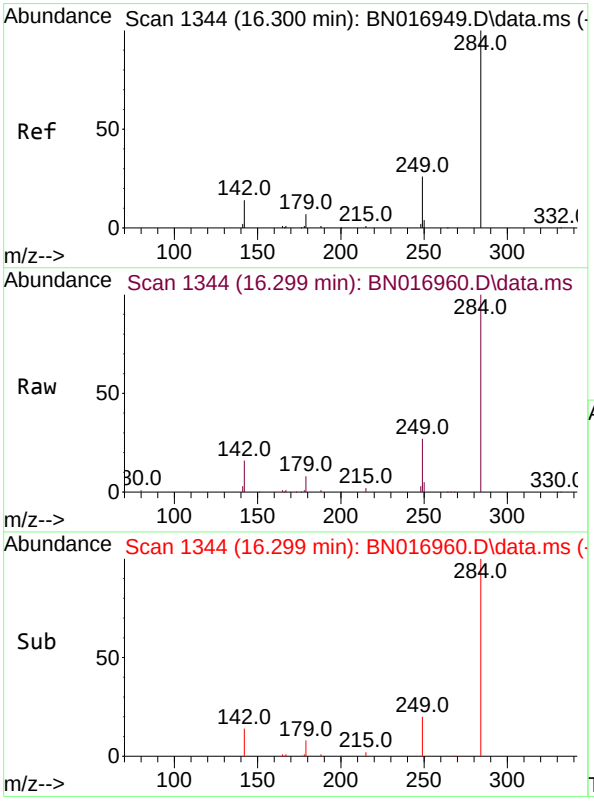


#21
4-Bromophenyl-phenylether
Concen: 0.324 ng
RT: 16.190 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:248 Resp: 18033

Ion	Ratio	Lower	Upper
248	100		
250	93.1	76.1	114.1
141	65.2	46.6	70.0

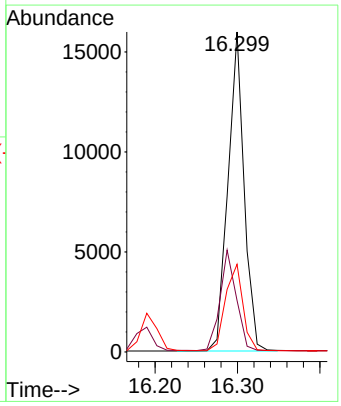




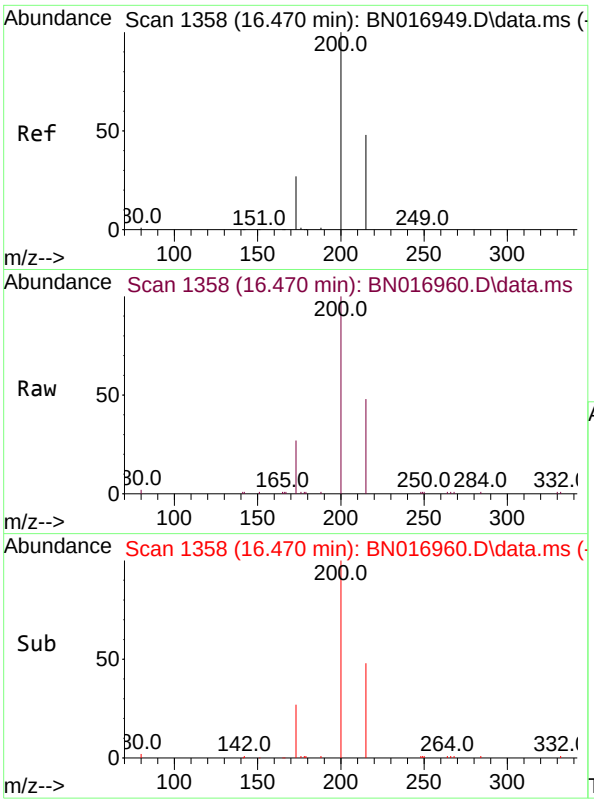
#22
Hexachlorobenzene
Concen: 0.339 ng
RT: 16.299 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:284 Resp: 21687

Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.9	38.9
249	29.4	23.3	34.9



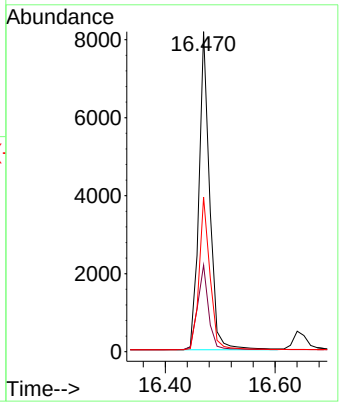
Instrument :
BNA_N
ClientSampleId :
PB139894BS

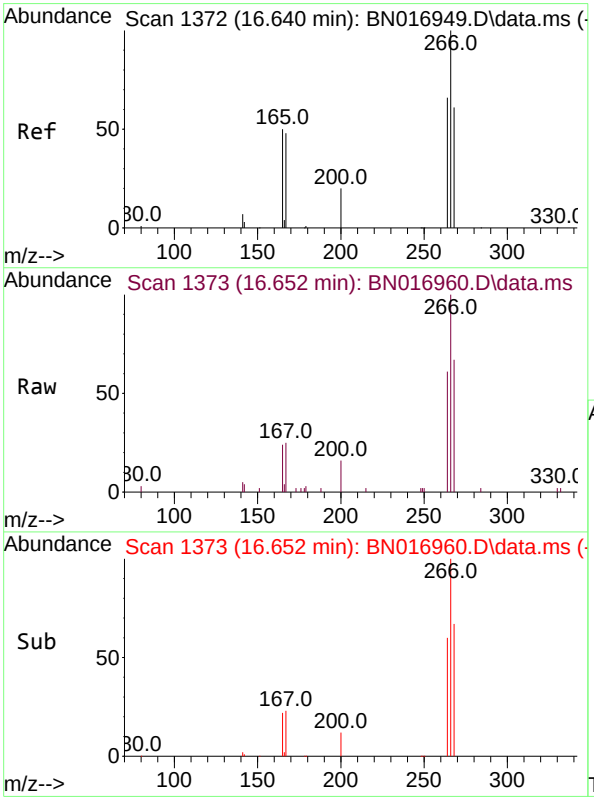


#23
Atrazine
Concen: 0.287 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:200 Resp: 11082

Ion	Ratio	Lower	Upper
200	100		
173	27.1	21.7	32.5
215	48.3	38.6	57.8

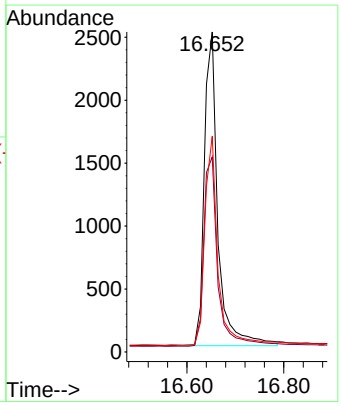




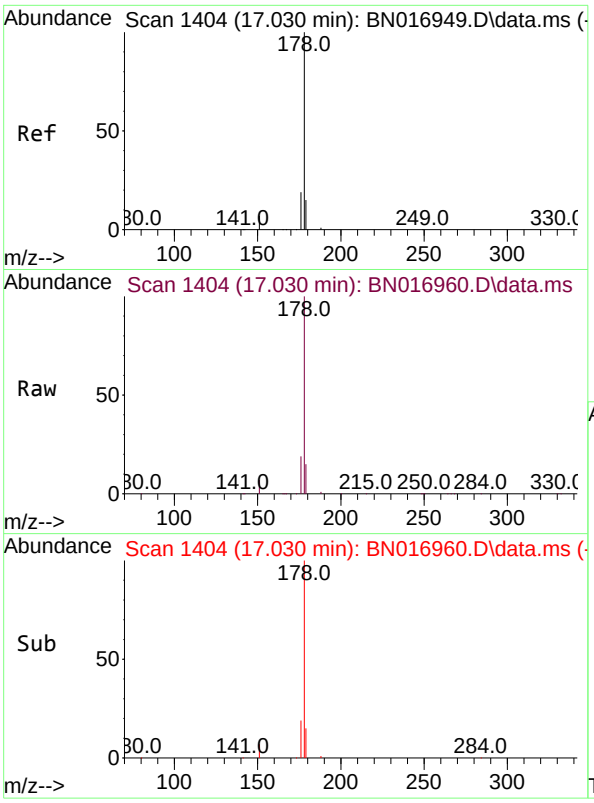
#24
Pentachlorophenol
Concen: 0.354 ng
RT: 16.652 min Scan# 1373
Delta R.T. 0.012 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:266 Resp: 4846

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.3	75.5
268	64.1	51.1	76.7



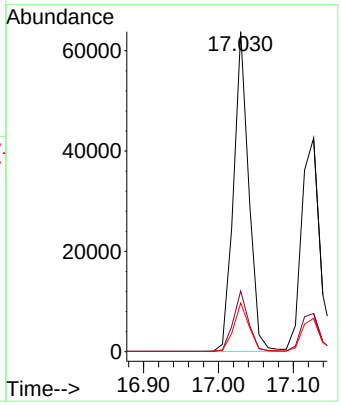
Instrument :
BNA_N
ClientSampleId :
PB139894BS

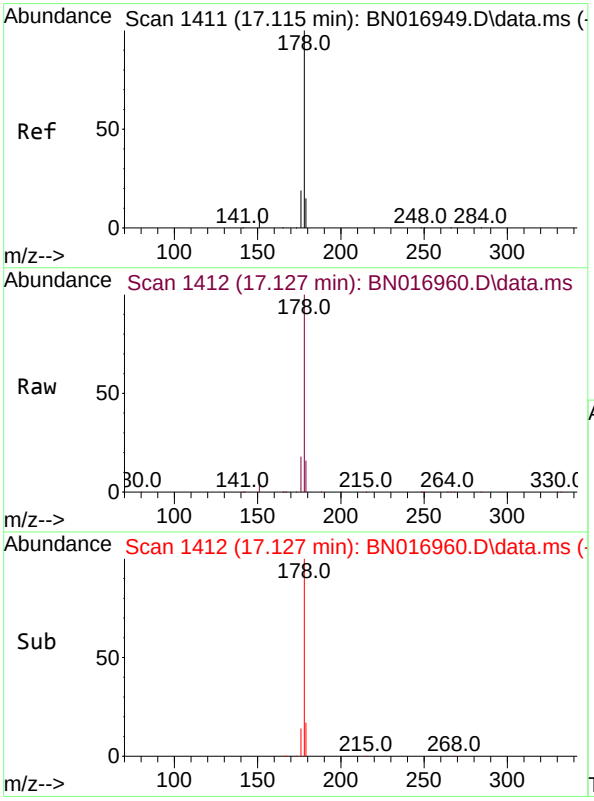


#25
Phenanthrene
Concen: 0.339 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:178 Resp: 89866

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.2	18.4

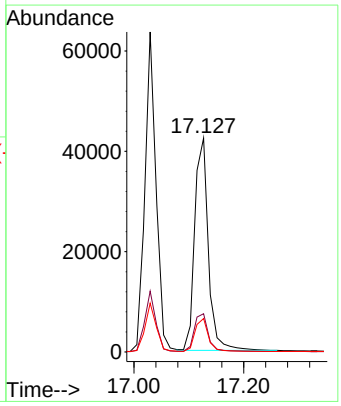




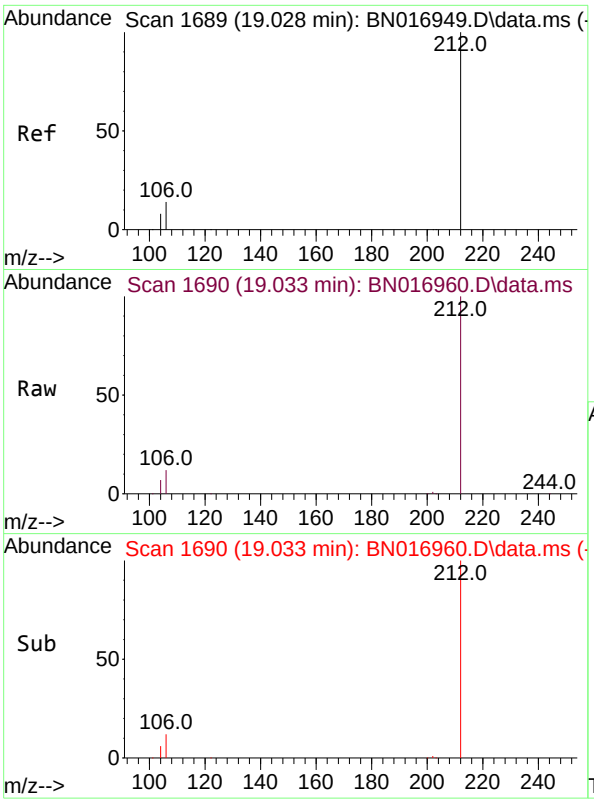
#26
Anthracene
Concen: 0.321 ng
RT: 17.127 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:178 Resp: 73281

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.3	18.5



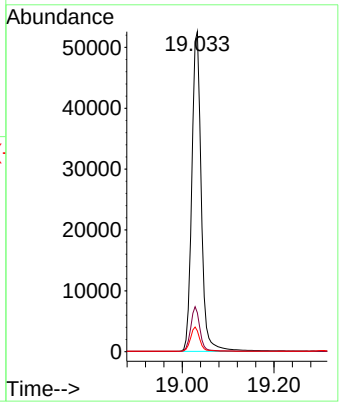
Instrument :
BNA_N
ClientSampleId :
PB139894BS

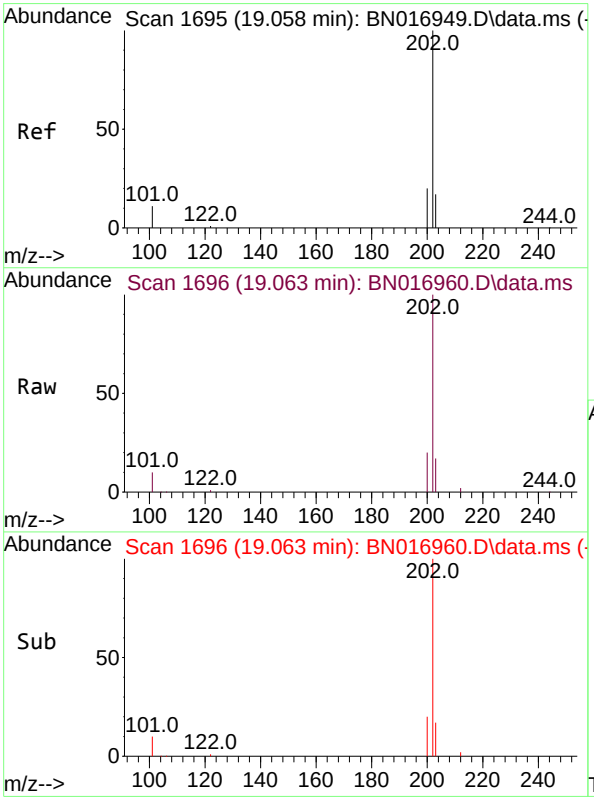


#27
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.033 min Scan# 1690
Delta R.T. 0.005 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:212 Resp: 75165

Ion	Ratio	Lower	Upper
212	100		
106	13.7	10.9	16.3
104	7.5	6.0	9.0

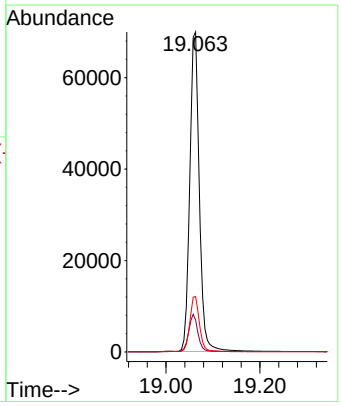




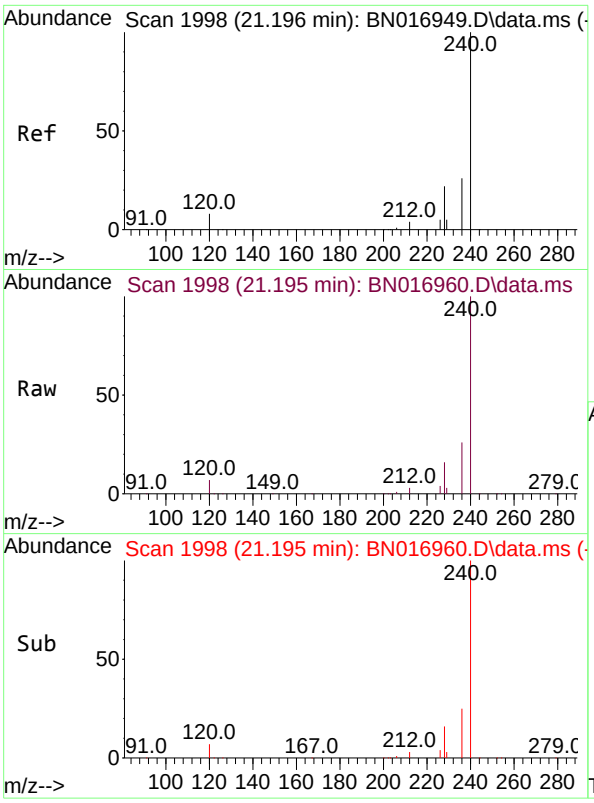
#28
Fluoranthene
Concen: 0.339 ng
RT: 19.063 min Scan# 1696
Delta R.T. 0.005 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:202 Resp: 98687

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
203	17.4	13.8	20.8



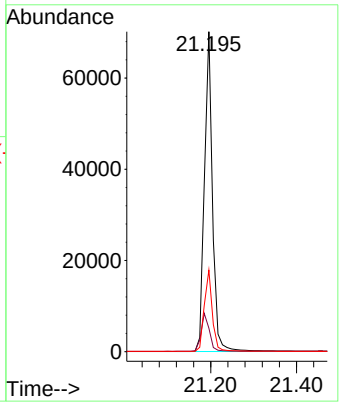
Instrument :
BNA_N
ClientSampleId :
PB139894BS

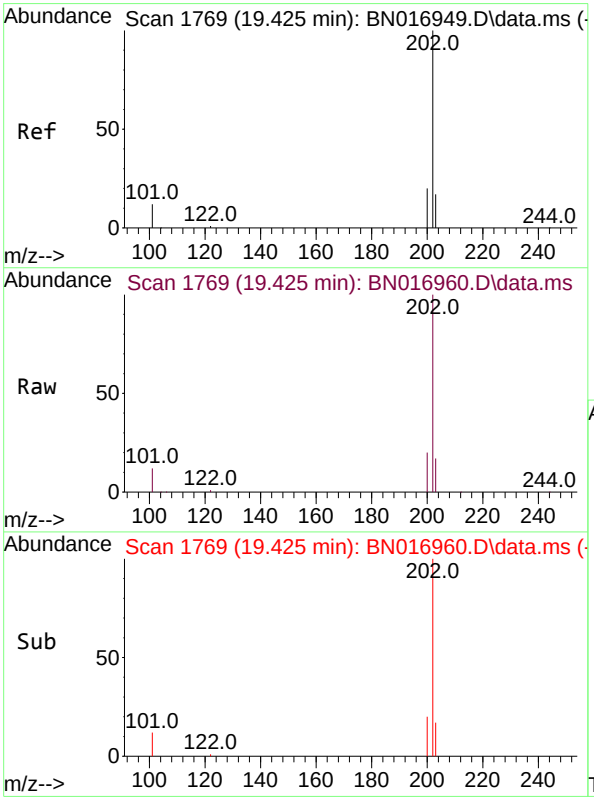


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:240 Resp: 91121

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.5	9.7
236	25.5	20.8	31.2

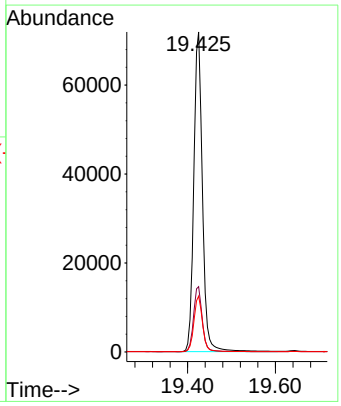




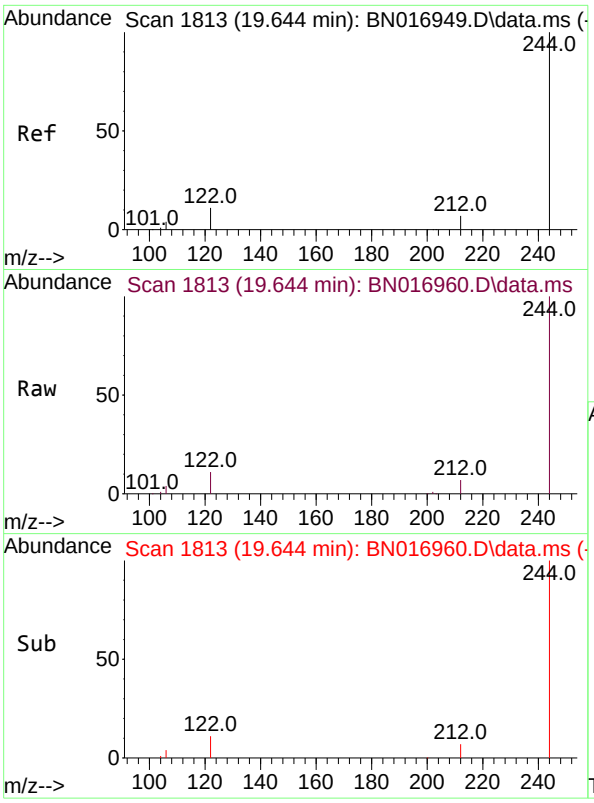
#30
Pyrene
Concen: 0.339 ng
RT: 19.425 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:202 Resp: 98133

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.5	14.0	21.0



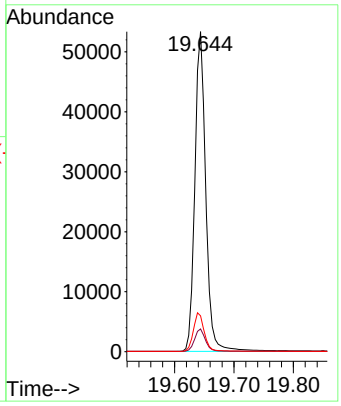
Instrument :
BNA_N
ClientSampleId :
PB139894BS

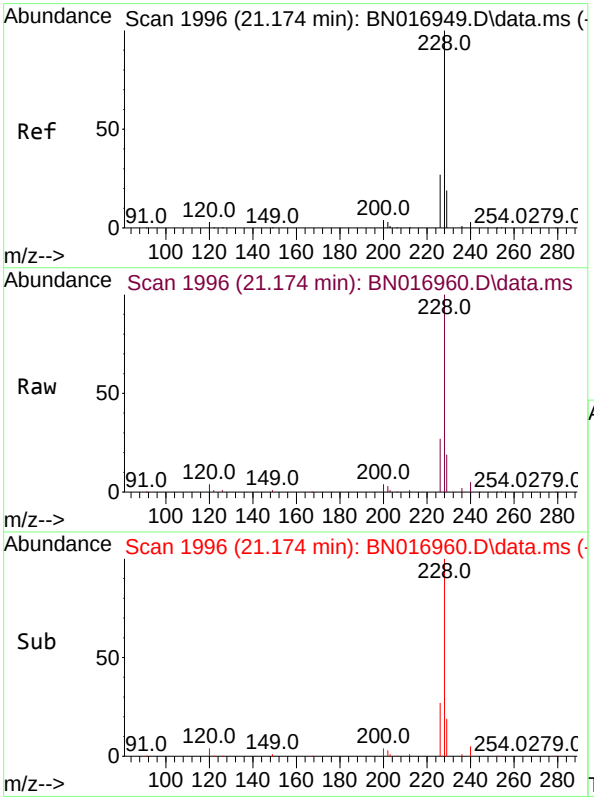


#31
Terphenyl-d14
Concen: 0.336 ng
RT: 19.644 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:244 Resp: 67881

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.2	9.2	13.8

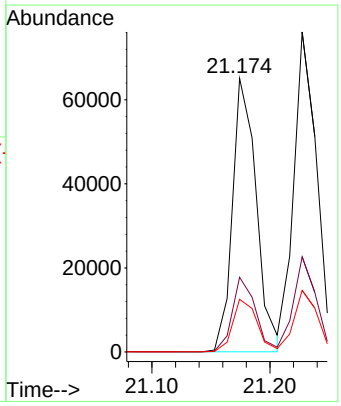




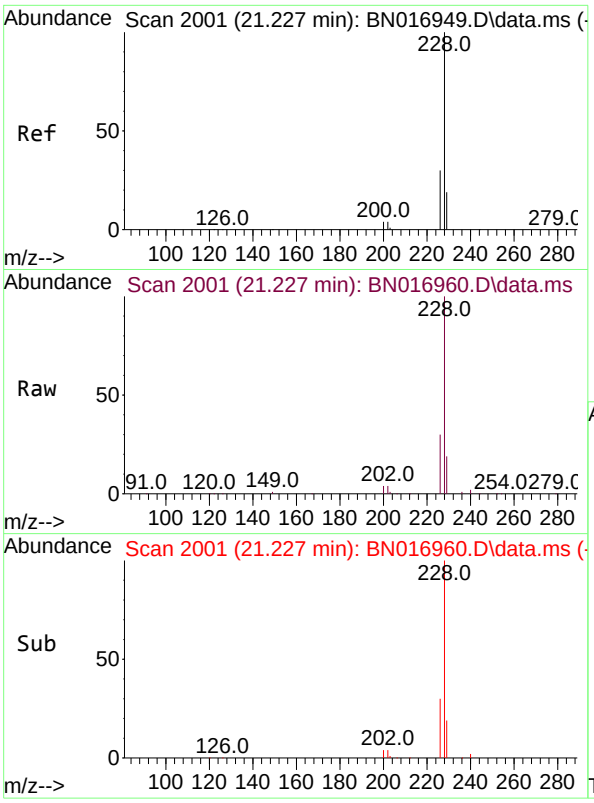
#32
Benzo(a)anthracene
Concen: 0.330 ng
RT: 21.174 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:228 Resp: 91730

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	19.2	15.3	22.9



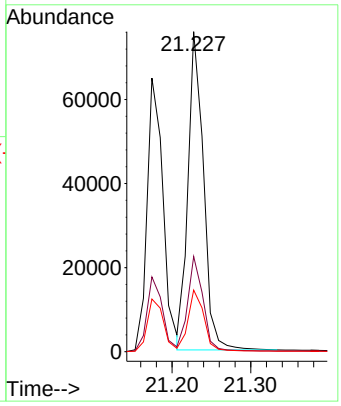
Instrument :
BNA_N
ClientSampleId :
PB139894BS

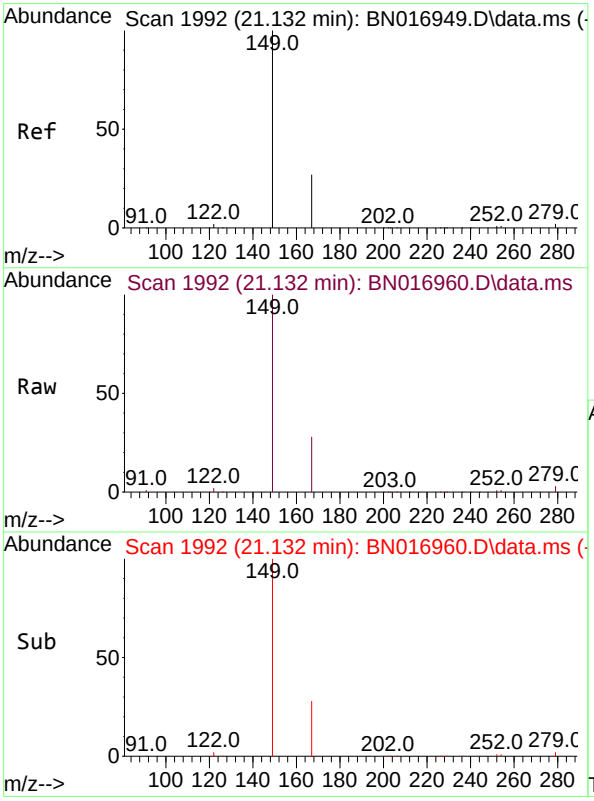


#33
Chrysene
Concen: 0.350 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:228 Resp: 103488

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.3	15.3	22.9

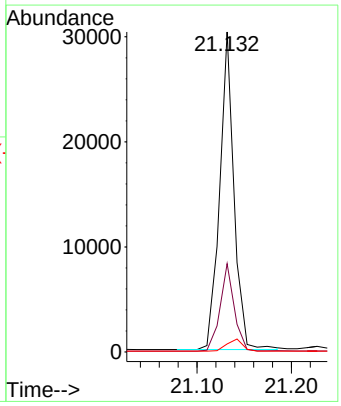




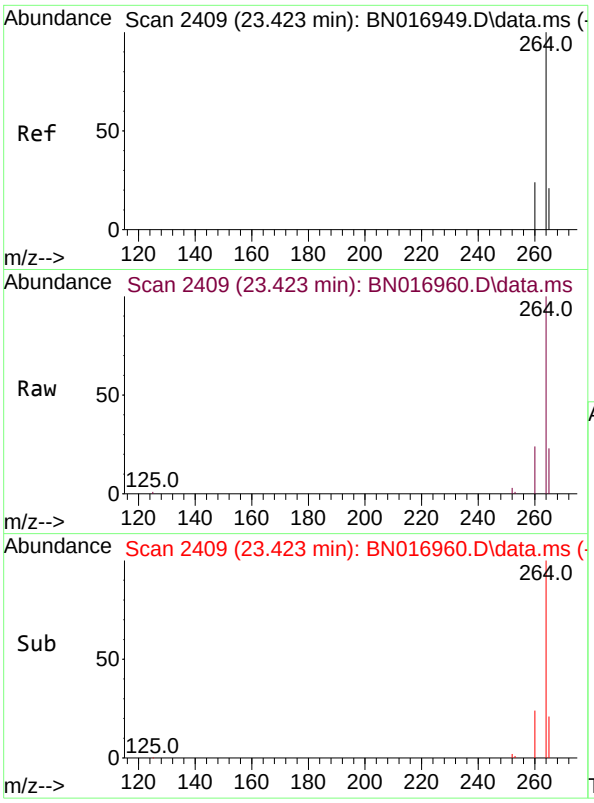
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.132 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:149 Resp: 31837

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.0	33.0
279	4.2	3.4	5.2



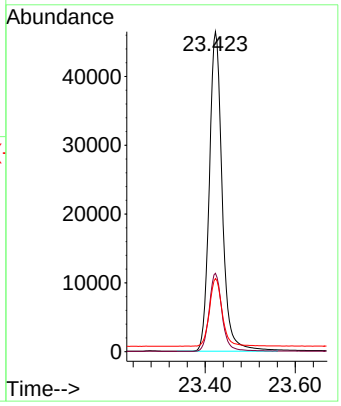
Instrument :
BNA_N
ClientSampleId :
PB139894BS

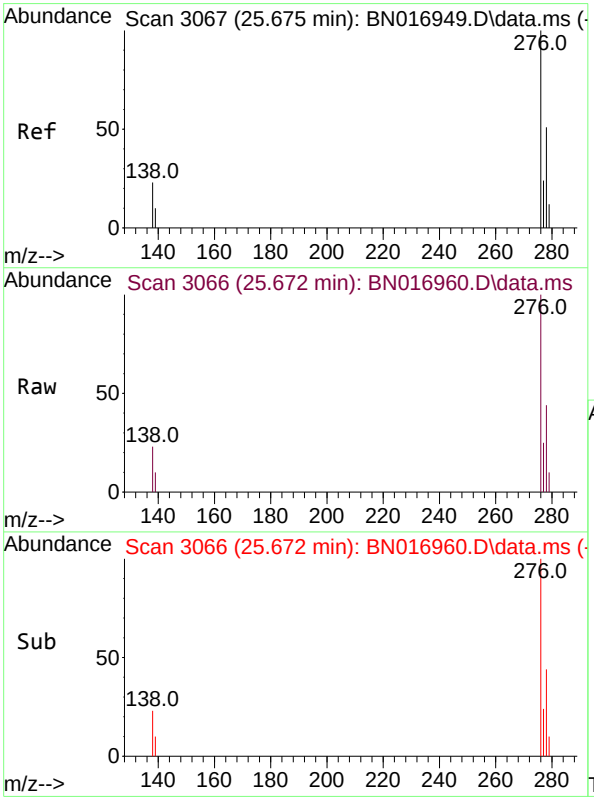


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.423 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:264 Resp: 92228

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.9	18.8	28.2

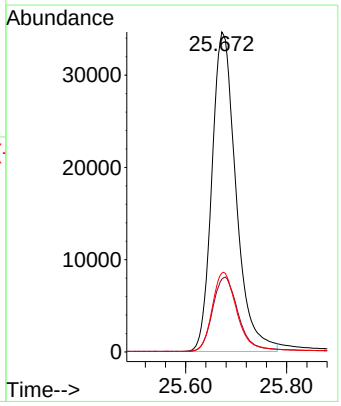


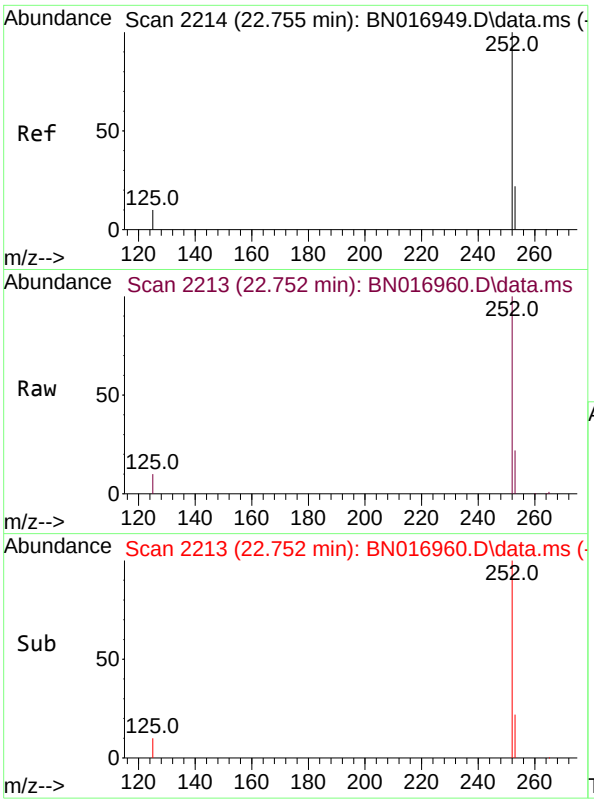


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng
RT: 25.672 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:276 Resp: 114857

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.4	29.2
277	25.2	20.1	30.1

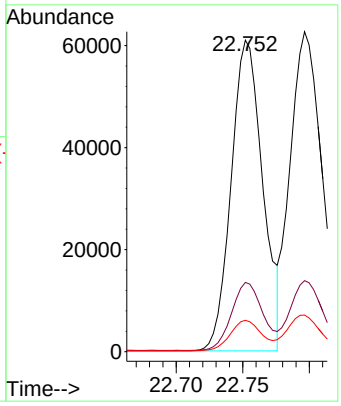




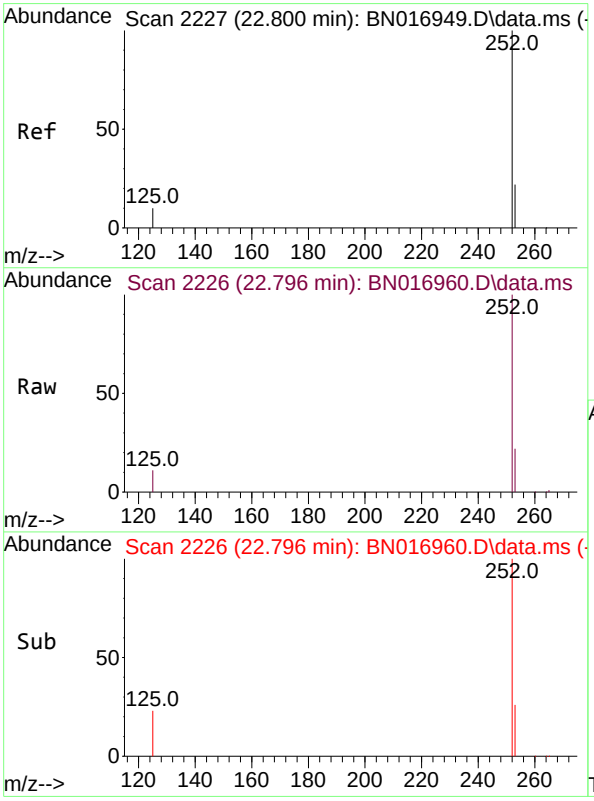
#37
Benzo(b)fluoranthene
Concen: 0.330 ng
RT: 22.752 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:252 Resp: 100684

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.0	7.9	11.9



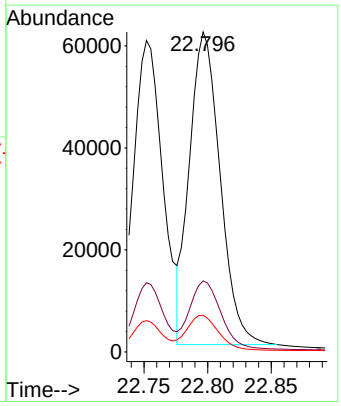
Instrument :
BNA_N
ClientSampleId :
PB139894BS



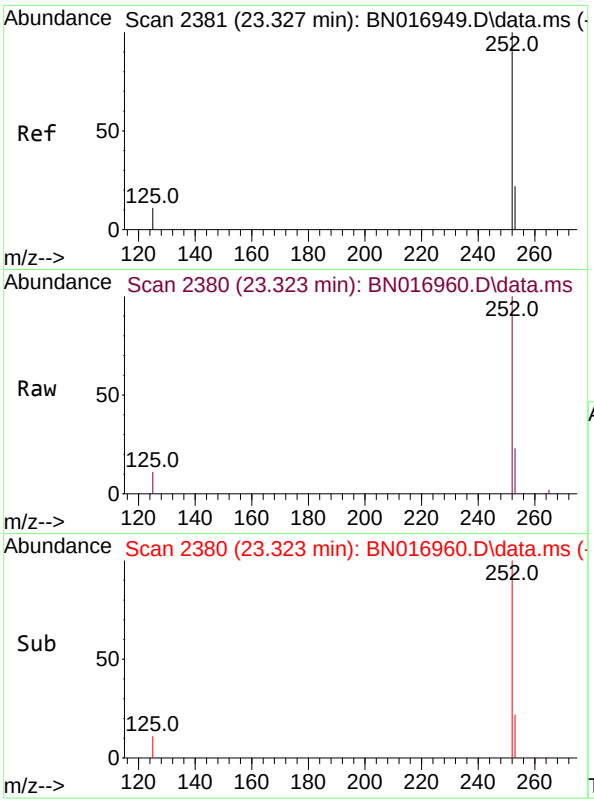
#38
Benzo(k)fluoranthene
Concen: 0.339 ng
RT: 22.796 min Scan# 2226
Delta R.T. -0.004 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:252 Resp: 102615

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.4	8.4	12.6



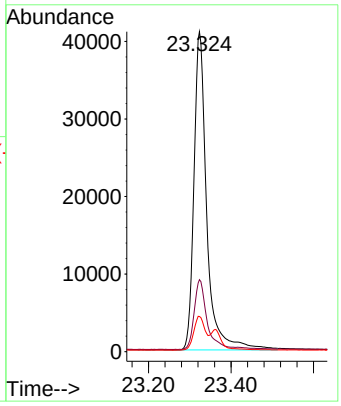
Instrument :
BNA_N
ClientSampleId :
PB139894BS

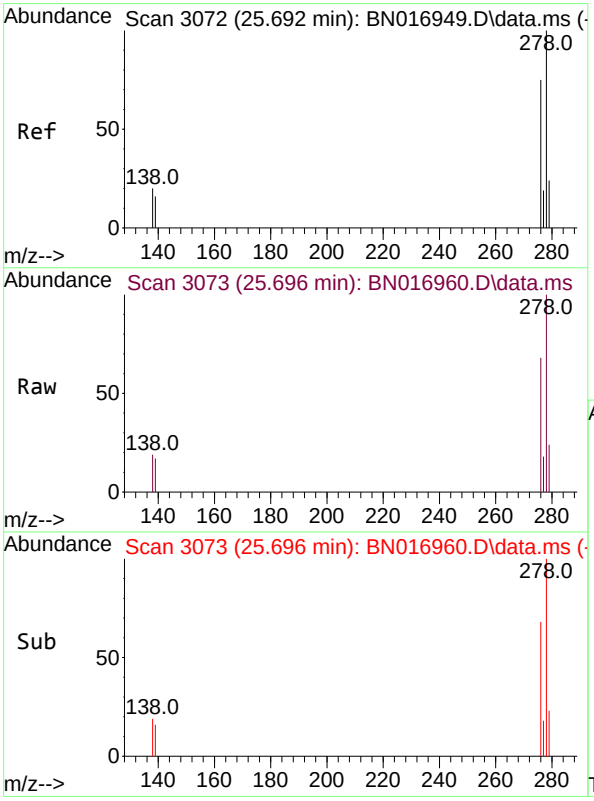


#39
Benzo(a)pyrene
Concen: 0.329 ng
RT: 23.323 min Scan# 2380
Delta R.T. -0.004 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:252 Resp: 88717

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.0	9.0	13.6

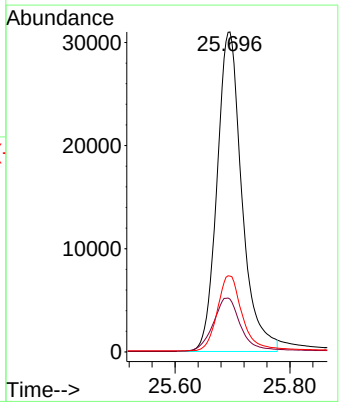


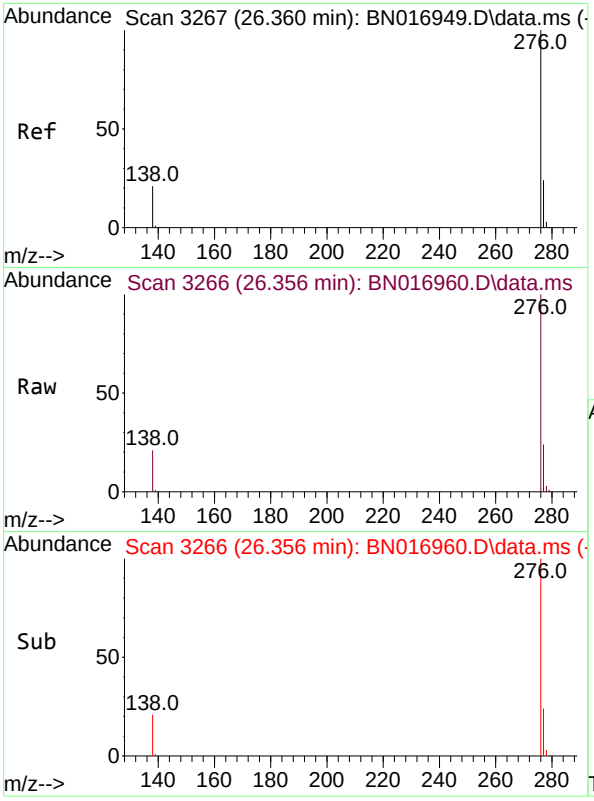


#40
Dibenzo(a,h)anthracene
Concen: 0.336 ng
RT: 25.696 min Scan# 3073
Delta R.T. 0.003 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:278 Resp: 92838

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.0	19.6
279	23.7	19.1	28.7

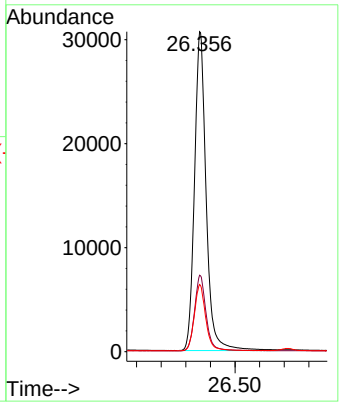




#41
Benzo(g,h,i)perylene
Concen: 0.334 ng
RT: 26.356 min Scan# 3266
Delta R.T. -0.004 min
Lab File: BN016960.D
Acq: 14 Oct 2021 20:40

Tgt Ion:276 Resp: 100697

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	21.0	16.8	25.2



Instrument :
BNA_N
ClientSampleId :
PB139894BS